

AUG 06 2002

PATENT & TRADEMARK OFFICE

Sheet 1 of 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 21511- 921770	SERIAL No. 10/084,638
INFORMATION DISCLOSURE STATEMENT		APPLICANT BABICH, Michael	
		FILING DATE : 02/27/02	GROUP 1644
			AUG 09 2002

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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
PN	AA	5,275,814	Jan. 04, 1994	Wojdani			Jul. 10, 1991
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
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FOREIGN PATENTS

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	AN						
	AO						
	AP						

INTERNATIONAL SEARCH REPORT

PN AQ PCT/US02/05911 27 February 2002 28 February 2001

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

PN AR	VRTALA, S., et al. (1996) "Induction of IgE antibodies in mice and rhesus monkeys with recombinant birch pollen allergens: Different allergenicity of Bet v 1 and Bet v 2." <i>Allergy and Clinical Immunology</i> (98) 913-921.	
AS		
AT		

Examiner

Patricia Nola

Date Considered

6/12/05

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 2

Complete if Known

Application Number:	10/084,638
Filing Date:	February 27, 2002
First Named Inventor:	BABICH, Michael
Group Art Unit	1645 1642
Examiner Name	Nolan not yet assigned

Attorney Docket Number: 21511-92177

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
PN	A.1	5,583,046	Dec. 10, 1996	Valenta et al.	RECEIVED
PN	A.2	5,648,242	July 15, 1997	Valenta et al.	DEC 11 2002
	A.3				TECH CENTER 1600/2900
	A.4				
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	A.12				
	A.13				
	A.14				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A.15					
	A.16					
	A.17					
	A.18					
	A.19					

EXAMINER

Patricia Nolan

DATE CONSIDERED

6/12/05

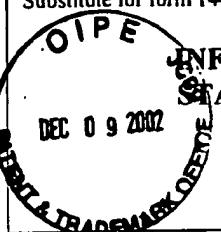
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO/SB/08A (REV. 10-96)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Complete if Known	
Substitute for form 1449A/PTO				TECH CENTER 1600/29	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>DEC 09 2002</small> <small>U. S. PATENT & TRADEMARK OFFICE</small>				Application Number	10/084,638
				Filing Date	February 27, 2002
				First Named Inventor	BABICH, Michael
				Group Art Unit	-1643 1644
				Examiner Name	Nolan not yet assigned
(Use several sheets if necessary)		Sheet <u>2</u> of <u>2</u>		Attorney Docket Number	
				21511-92177	

A OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
PN	A.1	AALBERSE, R.C., et al. (2001) "Cross-reactivity of IgE antibodies to allergens." <i>Allergy</i> 56:478-490.			
	A.2	BABICH, M., et al. (1996) "Profilin Forms Tetramers That Bind to G-Actin." <i>Biochemical and Biophysical Research Communications</i> 218:125-131.			q
	A.3	DUBOST, R., et al. (2000) "Incidence de la Sensibilisation a la Profilin Dans Une Population Allergique Aux Pollens: Responsabilite de la Profilin Dans Des Polysensibilisations Polliniques Chez des Patients a Taux Normal D'IgE Totales." <i>Allergie et Immunologie</i> 32, 5: 199-206.			
	A.4	FEDOROV, A.A., et al. (1997) "The molecular basis for allergen cross-reactivity: crystal structure and IgE-epitope mapping of birch pollen profilin." <i>Structure</i> 5:1 33-45.			
	A.5	LEITNER, A., et al. (1998) "A mimotope defined by phage display inhibits IgE binding to the plant panallergen profilin." <i>Eur. J. Immunol.</i> 28:2921-2927.			
	A.6	MARI, A. (2001) "Multiple Pollen Sensitization: A Molecular Approach to the Diagnosis." <i>Allergy Immunology</i> 125:57-65.			
	A.7	MITTERMANN, I., et al. (1998) "Oligomerization of profilins for birch, man and yeast. Profilin, a ligand for itself?" <i>Sex Plant Reprod</i> 11:183-191.			
	A.8	PSARADELLIS, T., et al. (2000) "Recombinant Zea mays profilin forms multimers with pan-allergenic potential." <i>Allergology International</i> 49:27-35.			
	A.9	THORN, K.S., et al. (1997) "The crystal structure of a major allergen from plants." <i>Structure</i> 5:19-32.			
	A.10	VALENTA, R., et al. (1992) "Profilins Constitute a Novel Family of Functional Plant Pan-allergens." <i>J. Exp. Med.</i> 175:377-385.			
	A.11	VALENTA, R., et al. (2001) "Recombinant allergen molecules: tools to study effector cell activation." <i>Immunological Reviews</i> 179:119-127.			
PN	A.12	VRTALA, S., et al. (2001) "Genetic engineering of a hypoallergenic trimer of the major birch pollen allergen Bet v 1." <i>The FASEB Journal</i> 15:2045-2047.			
EXAMINER	Patricia F. Nor		DATE CONSIDERED	6/12/05	

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<p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> <p>Sheet <u>1</u> of <u>1</u></p>		Complete if Known	
		Application Number:	10/084,638
		Filing Date:	February 27, 2002
		First Named Inventor:	BABICH, Michael
		Group Art Unit	1645-1644
		Examiner Name	Nolan not yet assigned
Attorney Docket Number: 21511-92177			

U.S. PATENT DOCUMENTS					
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	A.1				
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
PN	A.15	WO 99/16467 A1	04-08-1999	Vrtala, Susanne, et. al.	
	A.16				
	A.17				
	A.18				
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EXAMINER	<i>Pato T. Noc</i>	DATE CONSIDERED	6/12/05
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